

Docket No.: PG4858

Rec'd PCT/PTO 06 JUL 2005

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

✓ "ARYLETHANOLAMINE BETA2-ADRENORECEPTOR AGONIST COMPOUNDS"

the specification of which (check one)

[] is attached hereto.

[X] was filed on 24 July 2003
and was amended on

as Serial No. PCT/EP2003/008264
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			
Number	Country	Filing Date	Priority Claimed
✓ 0217225.2	GB	25 July 2002	YES

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
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I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
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Direct all correspondence to the address associated with Customer Number 7.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00 Full Name of Inventor: Keith BIGGADIKEInventor's Signature: K. BiggadikeDate: 7 MARCH 2005Residence: STEVENAGE, HERTFORDSHIRE, GB GBXCitizenship: BRITISH

Post Office Address: GlaxoSmithKline
Corporate Intellectual Property
Five Moore Drive, P O Box 13398
Research Triangle Park
North Carolina 27709

2-00 Full Name of Inventor: Diane Mary COEInventor's Signature: Diane CoeDate: 7th March 2005Residence: STEVENAGE, HERTFORDSHIRE, GB GBXCitizenship: BRITISH

Post Office Address: GlaxoSmithKline
Corporate Intellectual Property
Five Moore Drive, P O Box 13398
Research Triangle Park
North Carolina 27709

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300 Full Name of Inventor: Duncan Stuart HOLMES

Inventor's Signature: 

Date: 7th March 2005

Residence: STEVENAGE, HERTFORDSHIRE, GB *GBR*

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline
Corporate Intellectual Property
Five Moore Drive, P O Box 13398
Research Triangle Park
North Carolina 27709

400 Full Name of Inventor: Brian Edgar LOOKER

Inventor's Signature: 

Date: 7 March 2005

Residence: STEVENAGE, HERTFORDSHIRE, GB *GBR*

Citizenship: BRITISH

Post Office Address: GlaxoSmithKline
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North Carolina 27709

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PTO/SB/81 (06-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office: US DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	PCT/EP2003/008264
	Filing Date	24 July 2003
	First Named Inventor	Keith BIGGADIKE
	Title	ARYLETHANOLAMINE BETA2- ADRENORECEPTOR AGONIST COMPOUNDS
	Art Unit	
	Examiner Name	
	Attorney Docket Number	PG4858

I hereby appoint:

☒ Practitioners associated with the Customer Numbers.

23347

Or

☐ Practitioner(s) named below:

Name	Registration Number

As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number.

Or

☒ The address associated with Customer Number 23347

Or

☐ Firm or Individual Name:

Address:

Address:

City:

State:

Zip:

Country:

Telephone:

Fax:

I am the:

☐ Applicant/Inventor:☒ Assignee or record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature:

Date:

21 MAR 2005

Name: Peter John GIDDINGS

Telephone: +44 20 8047 4414

Title and Company: Attorney and Authorised Official, Glaxo Group Limited

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of: forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (06-04)

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Glaxo Group Limited

International Application No./Patent No.: PCT/EP2003/008264 Filed/Issue Date: 24 July 2003

Entitled: ARYLETHANOLAMINE BETA2-ADRENORECEPTOR AGONIST COMPOUNDS

Glaxo Group Limited, a corporation, states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ % in the patent application/patent identified above by virtue of either;

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

21 MAR 2005

Date

Peter John GIDDINGS

Printed or Typed Name

+44 20 8047 4414

Telephone Number

Attorney and Authorised Official

Title

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS I/WE, **Keith BIGGADIKE** of Stevenage, Hertfordshire, GB, **Diane Mary COE** of Stevenage, Hertfordshire, GB, **Duncan Stuart HOLMES** of Stevenage Hertfordshire, GB and **Brian Edgar LOOKER** of Stevenage, Hertfordshire (hereinafter called "the inventor(s)") have invented or discovered "**ARYLETHANOLAMINE BETA2-ADRENORECEPTOR AGONIST COMPOUNDS**" (hereinafter called "the invention") for which a patent application no. **0217225.2** was filed on **25 July 2002** in the United Kingdom and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

(PCT/EP2003/008264 filed 24 July 2003)

WHEREAS the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England and Wales whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

WHEREAS **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, a company incorporated in England and Wales whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

WHEREAS **GLAXO GROUP LIMITED** a company organised and existing under and by virtue of the laws of England and Wales and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex,

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UB6 ONN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

AND GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all

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other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

IN WITNESS whereof and with effect from **25 July 2002** the inventor(s) and Peter John GIDDINGS as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.

SIGNED by Keith BIGGADIKE:

K. Biggadeike

Date:

7 MARCH 2005

SIGNED by Diane Mary COE:

Diane Mary Coe

Date:

7th March 2005

SIGNED by Duncan Stuart HOLMES:

Duncan Holmes

Date:

7th March 2005

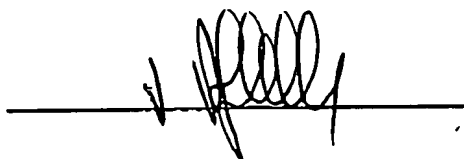
SIGNED by Brian Edgar LOOKER:

Brian Edgar

Date:

7 March 2005

SIGNED by Peter John GIDDINGS as the Attorney of each of
GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE
RESEARCH AND DEVELOPMENT LIMITED:



Date: 21 MAR 2005

John Venn & Sons

Scrivener Notaries
Translators

William B Kennair LL.B. • Jessica M Reeve M.A. • Jonathan P Courts M.A. MFL
Associate: Agnes Corless
Consultant: Bridget M Ellison B.A.

6 Aldwych London WC2B 4JF
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Telephone: 020 7395 4300
Fax: 020 7395 4310
e-mail: notary@johnvenn.co.uk
<http://www.johnvenn.co.uk>

I, JESSICA MARGARET REEVE, a duly admitted Notary Public, having jurisdiction throughout England and Wales and practising in London, England, hereby certify:

1. THAT the annexed Power of Attorney was sealed with the Common Seal of **GLAXO GROUP LIMITED**;

2. THAT the affixing of the said Seal was witnessed by LORRAINE ANNE DAY, one of the Directors of EDINBURGH PHARMACEUTICAL INDUSTRIES LIMITED, Corporate Director of GLAXO GROUP LIMITED and RICHARD JAMES STEPHENS, Assistant Secretary of the said GLAXO GROUP LIMITED;

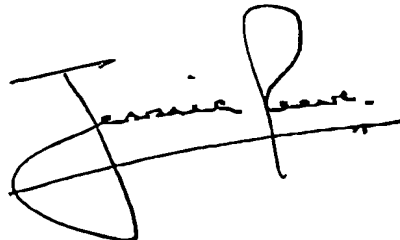
3. THAT the said GLAXO GROUP LIMITED is duly incorporated and existing under English Law, having its Registered Office at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England;

4. THAT the said Seal was affixed in the manner prescribed by the current, duly adopted Articles of Association of the said Company;

5. THAT the said signatures were subscribed by authority of the Directors of the said Company;

6. AND THAT the said Power of Attorney, being so sealed and signed, is duly executed by and binding on the said Company.

IN WITNESS whereof I have issued this Certificate under my signature and Seal of Office at London, aforesaid, the fourth day of March Two thousand and five.



Power of Attorney

BY THIS POWER OF ATTORNEY given this ~~26th~~ day of ~~FEBRUARY~~ two thousand and five GLAXO GROUP LIMITED, a company incorporated in England and Wales (Registration No. 305979) and having its registered office at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England (hereinafter called "the Company"), HEREBY appoints all and any of its Directors, Secretary and Assistant Secretary for the time being, and DAVID ROBERTS, PETER JOHN GIDDINGS, ARTHUR WILLIAM RUSSELL TYRRELL, MARCUS J. W. DALTON, PETER I. DOLTON, WENDY ANNE FILLER, MICHAEL JOHN STOTT, HUGH BAINFORDE DAWSON, HELEN QUILLIN, CHARLES KINZIG, STEPHEN VENETIANER, THEODORE R. FURMAN, MARY E. MCCARTHY, EDWARD R. GIMMI, CHARLES E. DADSWELL, ROBERT H. BRINK and FRANK P. GRASSLER jointly and severally to be its true and lawful agents and attorneys (hereinafter called "the Attorneys") on behalf and in the name of the Company or otherwise to do, perform, exercise or execute or concur with any other person or persons in doing, performing or exercising in or for any country or countries or jurisdiction in any part of the world all or any of the following powers, acts, deeds and things in connection with: letters patent, including extensions thereto; utility models; copyrights; trademark registrations; trademarks; trade names; trade dress; logos; design rights; designs and all rights analogous thereto and all applications therefor and any other forms whatsoever of intellectual property rights; including know-how, all of which are hereinafter called "Intellectual Property Rights", that is to say:

1. In any country or countries or jurisdiction in any part of the world to make application or cause application to be made for the grant or issue or transfer to the Company or registration in its name of Intellectual Property Rights and to take all steps necessary for the same to be prosecuted, maintained, withdrawn, renewed, enforced, defended or extended.
2. As the act and deed of the Company to sign, seal, deliver and execute all or any assignments or assurances, licences to the Company of or under any Intellectual Property Rights or the right to and interest in any inventions to be the subject of Intellectual Property Rights for the purpose of fully and effectually vesting and transferring the same in and to the Company.
3. As the act and deed of the Company to sign and execute all or any assignments and acceptances of the transfer or assignment of such rights, and also any licences, sub-licences and consents from the Company of or under any Intellectual Property Rights or the right to and interest in any invention to be the subject of Intellectual Property Rights, for the purpose of fully and effectually vesting transferring or granting the same in and to any entity, whether in the United Kingdom or elsewhere, in so far as such documents can be executed without the Company's seal being affixed thereto. For purposes of this Power of Attorney, the terms "entity" means, and includes, any person, firm or company or group of persons or unincorporated body.
4. To give undertakings or assurances to third parties and to any Trademark Registry or official intellectual property agency or governmental department or otherwise responsible for the registration or protection of trademarks, trade names, trade dress, logos, design rights or designs for the purpose of best protecting or ensuring the co-existence of the Company's rights to trademarks, trade names, trade dress, logos, design rights or designs.
5. To commence, prosecute and defend any proceedings or applications whether judicial or extra judicial relating to Intellectual Property Rights and to maintain, withdraw or settle the same.
6. For and in connection with any Intellectual Property Rights to sign, seal, deliver and execute any Power of Attorney or other deed or document authorising any agent,

2-

including trademark and patent agents and attorneys act on behalf of the Company.

7. To apply for the registration, amendment or cancellation of user rights in respect of any trademark or trade name.
8. To act in regard to all official communications which may now or hereafter be addressed to the Attorneys relating to Intellectual Property Rights or the renewal thereof in such manner that the Attorneys may be recognised as the authorised agent(s) of the Company in all proceedings in relation thereto.
9. For all or any of the purposes contained herein as the act and deed of the Company to sign, seal, deliver, execute and do all such documents, deeds, agreements, instruments and to do such acts as shall be requisite or may be deemed proper for or in relation to the said purposes.

AND THE COMPANY HEREBY RATIFIES and confirms and agrees to ratify and confirm all and whatsoever the Attorneys or any person, persons, firm or company appointed by them shall lawfully do or have done by virtue of the authorities herein contained

AND THE COMPANY HEREBY DECLARES that all instruments executed under and by virtue of this Power shall be as valid and effectual as if sealed by the Common Seal of the Company.

IN WITNESS whereof **GLAXO GROUP LIMITED** has caused its Common Seal to be hereunto affixed the day and year first before written

The **COMMON SEAL** of
GLAXO GROUP LIMITED)
was hereto affixed in the presence of:)

Director

For and on Behalf of
Edinburgh
Pharmaceutical
Industries
Limited

DIRECTOR


Secretary / Assistant Secretary



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